REMARKS

Reconsideration of this application in light of the amendments and following remarks is respectfully requested.

Status of the Claims

Claims 1-9 and 12 are currently pending.

Claims 10-11 were previously canceled without prejudice or disclaimer of the subject matter therein.

Claims 4, 6, 7, 8, and 9 are amended herein for clarification and to conform the claims to U.S. practice. Support for the amendments may be found in the original claims.

No new matter is added.

Examiner Interview

Applicant thanks the Examiner for the courtesies extended by the Examiner during the interview conducted on July 22, 2009. During the interview, Applicant clarified the claim language of claim 1. Agreement was reached with the Examiner that the transmission interval is chosen from a set of transmission intervals stored in the media gateway.

Rejections Under 35 U.S.C. § 103(a)

Claims 1, 3, 5, and 12 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application No. 2005/0135578 A1 to Ress ("Ress") in view of U.S. Patent Application No. 2005/0069061 A1 to Petzold ("Petzold"). Applicant respectfully traverses the rejections.

The Examiner contends that the combination of Ress and Petzold discloses each and every element of independent claim 1.

Ress is directed to a metering system for a packet based network, in which a single metering message is analyzed by a media gateway 22 receiving the message to determine how to provide metering pulses for all phases of a call, as well as any one-time charges. (Ress, paragraph [0006]). The metering message is sent to the media gateway 22 from a media gateway controller 26 and provides all of the information necessary for the metering associated with a given call. (Ress,

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paragraph [0035]). The message may include parameters defining how to provide metering for each possible phase associated with a call, as well as setup and add-on charges. (Ress, paragraph [0035]). The entire call tariff model is expressed in a single message, which is sent to the media gateway 22 in association with the call. (*See* Ress, paragraph [0035]). According to Ress, the call tariff model provided in the single message may include parameters such as the pulse rate interval (PRI), the charge interval (CI), metering pulse burst information (MPB), the phase duration (PD) and other information related to the pulse count per charge interval (PC-CI). (See Ress, paragraphs [0080]-[0088]).

Petzold is directed to a system for detecting at least one signal of interest within an input signal. (Petzold, Abstract). At least one set of samples from the input signal is multiplied by at least one set of samples representing a complex conjugate of the input signal to obtain a series of correlation samples. (Petzold, paragraph [0006]). Sets of one or more consecutive correlation samples are summed to obtain a series of pulse sums. (Petzold, paragraph [0006]). A plurality of non-consecutive pulse sums are integrated to obtain a search value. (Petzold, paragraph [0006]).

Independent claim 1 includes the features "**selecting**, by the media gateway **according to an indication** of the received metering pulse information message, one group of a number of metering pulses to be transmitted and a transmission interval between two adjacent metering pulses **from numbers of metering pulses to be transmitted and transmission intervals between two adjacent metering** pulses **which are provided in the media gateway**, wherein the numbers of the metering pulses to be transmitted and the transmission intervals between adjacent metering pulses are **configured in a plurality of groups**." Thus, it follows that groups of metering pulses and transmission intervals are stored in the media gateway.

The combination of Ress and Petzold does not teach or suggest numbers of metering pulses to be transmitted and transmission intervals between two adjacent metering pulses that **are provided in a media gateway** and are configured in groups, as recited by claim 1. Ress merely describes that a media gateway controller 26 sends a single message to a media gateway 22 consisting of a complete tariff model for an entire call, which contains a pulse count per charge

interval (PC-CI) and the pulse repetition interval (PRI). Thus, the PC-CI and PRI are directly provided by the media gateway controller 26 to the media gateway 22. Rees nowhere teaches or suggests that groups of numbers of metering pulses and transmission intervals are provided in a media gateway 22. Further, Petzold does not cure the deficiencies of Ress because Petzold merely describes a system for detecting a signal of interest within an input signal by obtaining correlation samples, summing the correlation samples to obtain a series of pulse sums, and integrating the pulse sums to obtain a search value. (Petzold, Abstract). Petzold nowhere teaches or suggests numbers of metering pulses and transmission intervals provided, i.e., stored, in a media gateway that are configured in a plurality of groups.

Moreover, the combination of Ress and Petzold does not teach or suggest selecting, by the media gateway according to an indication of the received metering pulse information message, one group of a number of metering pulses to be transmitted and a transmission, as required by claim 1. According to claim 1, the media gateway controller sends a message to the media gateway that indicates which group of a number of metering pulses and transmission intervals provided on the gateway should be selected by the media gateway.

The Examiner contends that paragraph 80, lines 9-17 of Ress teaches choosing the number of pulses from different sets of charge intervals in the media gateway. (Office Action, page 3, lines 6-9). However, paragraph 80, lines 9-17 of Ress merely states:

> For example, the media gateway 22 may determine the pulse map based on the charge interval expression, and as such, the media gateway controller 26 will not need to provide information on how to arrange the various pulses throughout the charge intervals, but will only need to provide information necessary to define the number of charge intervals having a first pulse count and the number of charge intervals having a second pulse count for any and all phases.

Thus, Ress describes only that a media gateway 22 may derive a pulse map based on the information provided in the call tariff model. Ress nowhere teaches or suggests that the media gateway selects the number of metering pulses to be transmitted and transmission intervals from groups of numbers of metering pulses and transmission intervals provided in the media gateway. Further, Petzold does not cure the deficiencies of Ress. Petzold nowhere teaches or suggests any

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media gateway, and thus, does not disclose selecting a number of metering pulses and transmission intervals from groups of such parameters provided, i.e., stored, in a media gateway.

In view of the foregoing, the combination of Ress and Petzold does not teach or suggest each and every element of independent claim 1. Thus, independent claim 1 is not obvious in view of the references cited by the Examiner. Applicants further submit that claims 3, 5, and 12, which depend from claim 1, are allowable at least by reason of dependency on an allowable base claim. Accordingly, reconsideration and withdrawal of the rejections is respectfully requested.

* * *

Claim 2 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Ress in view of Petzold and further in view of U.S. Patent No. 7,283,198 to Kuo ("Kuo"). Applicant respectfully traverses the rejection.

Claim 2 depends from claim 1, and thus, incorporates all of the limitations of claim 1. Therefore, claim 2 includes the features of selecting, by the media gateway according to an indication of the received metering pulse information message, one group of a number of metering pulses to be transmitted and a transmission interval from numbers of metering pulses and transmission intervals which are provided in the media gateway, wherein the numbers of the metering pulses and the transmission intervals are configured in a plurality of groups. As discussed above with respect to independent claim 1, the combination of Ress and Petzold does not teach or suggest the above-recited features. Further, Kuo does not cure the deficiencies of Ress and Petzold. Kuo merely describes a reticle thermal detector for determining a degree of distortion of the reticle due to thermal effects prior to exposure of a semiconductor wafer. (Kuo, column 3, lines 29-34).

In view of the foregoing, the combination of Ress, Petzold, and Kuo does not teach or suggest each and every element of claim 2. Thus, claim 2 is not obvious in view of the references cited by the Examiner. Accordingly, reconsideration and withdrawal of the rejections is respectfully requested.

* * *

. Claims 4 and 6-9 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Ress in view of Petzold and further in view of U.S. Patent Application No. 2005/0069061 to Freyman ("Freyman"). Applicant respectfully traverses the rejections.

Claims 4 and 6-9 depend from claim 1, and thus, each incorporates all of the limitations of claim 1. Therefore, claims 4 and 6-9 include the features of selecting, by the media gateway according to an indication of the received metering pulse information message, one group of a number of metering pulses to be transmitted and a transmission interval from numbers of metering pulses and transmission intervals which are provided in the media gateway, wherein the numbers of the metering pulses and the transmission intervals are configured in a plurality of groups. As discussed above with respect to independent claim 1, the combination of Ress and Petzold does not teach or suggest the above-recited features. Further, Freyman does cure the deficiencies of Ress and Petzold. Freyman merely describes a method and system for enabling a common hardware device to be employed in different countries and used by different system operators in national networks. (Freyman, paragraph [0008]).

In view of the foregoing, the combination of Ress, Petzold, and Freyman does not teach or suggest each and every element of claims 4 and 6-9. Thus, claims 4 and 6-9 are not obvious in view of the references cited by the Examiner. Accordingly, reconsideration and withdrawal of the rejections is respectfully requested.

CONCLUSION

In view of the foregoing, it is believed that each of the pending claims in condition for allowance and it is respectfully requested that the application be reconsidered and that all pending claims be allowed and the case passed to issue.

If there are any other issues remaining which the Examiner believes could be resolved through a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at the telephone number indicated below.

The Commissioner is hereby authorized to charge any unpaid fees deemed required in connection with this submission, including any additional filing or application processing fees required, or to credit any overpayment, to Deposit Account No. 04-0100.

Dated: September 29, 2009   Respectfully submitted,

By _____

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